FIFTY CENTS

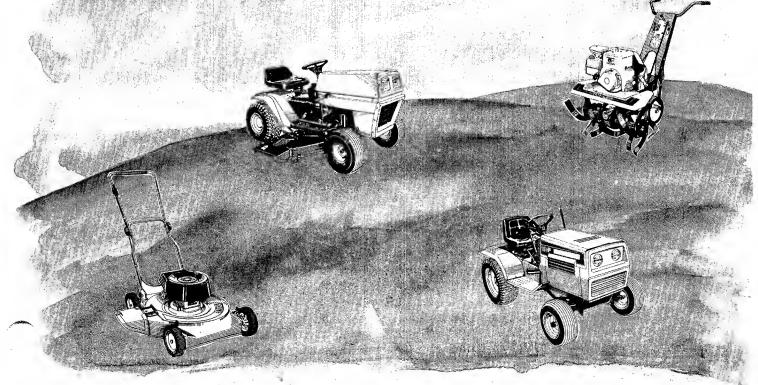
OWNIER'S GUIDE

MODEL NO. 139-402A

ASSEMBLY OPERATION PARTS MAINTENANCE

26" RIDING MOWER

IMPORTANT:
READ SAFETY RULES
& INSTRUCTIONS



LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges under this warranty must be paid by the purchaser unless return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become Inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these Items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

WARNING TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.

IM PORTANT

It is suggested that this manual be read in its entirety before attempting to assemble or operate. Keep this manual in a safe place for future reference and for ordering replacement parts.

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see operating section of this manual for proper fuel and amount.

Your rotary mower is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.

SAFE OPERATION PRACTICES FOR RIDING VEHICLES

3

- 1. Know the controls and how to stop quickly— READ THE OWNER'S MANUAL.
- Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
- 3. Do not carry passengers.
- 4. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidently thrown by the mower in any direction.
- Clear work area of objects which might be picked up and thrown by the mower in any direction.
- 6. Disengage all attachment clutches and shift into neutral before attempting to start engine.
- 7. Disengage power to attachment(s) and stop engine before leaving operator position.
- Disengage power to attachment(s) and stop engine before making any repairs or adjustments. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
- Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade(s) have stopped completely. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
- 10. Disengage power to attachment(s) when transporting or not in use.
- 11. Take all possible precautions when leaving vehicle unattended such as disengaging power-take-off, lowering attachments, shifting into neutral, setting parking brake, stopping engine and removing key.
- 12. Do not stop or start suddenly when going uphili or downhill. Mow up and down face of steep slopes; never across the face.
- Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
- 14. Stay alert for holes in terrain and other hidden hazards.
- 5. Use care when pulling loads or using heavy equipment.
 - A. Use only approved drawbar hitch points.
 - B. Limit loads to those you can safely control.
 - C. Do not turn sharply. Use care when backing.

- D. Use counterweight(s) or wheel weights when suggested in owner's manual.
- 16. Watch out for traffic when crossing or near roadways.
- 17. When using any attachments never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
- 18. Handle gasoline with care—it is highly flammable.
 - A. Use approved gasoline container.
 - B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline.
 - C. Open doors if engine is run in garage exhaust fumes are dangerous. Do not run engine indoors.
- Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in owner's manual.
- Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition
- 21. Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow engine to cool before storing in any enclosure.
- 22. To reduce fire hazard keep engine free of grass, leaves or excessive grease.
- 23. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object, and the damage should be repaired before restarting and operating the equipment.
- 24. Do not change the engine governor settings or overspeed the engine.
- 25. When using the vehicle with mower, proceed as follows:
 - (1) Mow only in daylight or in good artificial light.
 - (2) Never make a cutting height adjustment while engine is running if operator must dismount to do so.
 - (3) Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher.
 - (4) Check blade mounting bolts for proper tightness at frequent intervals.
- 26. Check grass catcher bags frequently for wear or deterioration. For safety protection replace only with new bag meeting original equipment specifications.
- 27. Look behind to make sure the area is clear before placing the transmission in reverse and backing up.

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GRASS CATCHER Model No. 199-015A is available as optional equipment for the mowers shown in this manual.

WARNING

The mower should not be operated without the entire grass catcher or chute deflector in place.



Under normal usage bag material is subject to wear, and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag No. 764-0121.



After striking a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

The steering wheel with the necessary hardware, are easily assembled to the machine.

TIRE PRESSURE

FOR SHIPPING PURPOSES, THE TIRES ON YOUR UNIT MAY BE OVER-INFLATED. TIRE PRESSURE SHOULD BE REDUCED BEFORE UNIT IS PUT INTO OPERATION. PRESSURE SHOULD BE APPROXIMATELY 15 P.S.I. EQUAL TIRE PRESSURE SHOULD BE MAINTAINED ON ALL TIRES. MAXIMUM TIRE PRESSURE IS 30 P.S.I.

ACAUTION

Installation of tire to rim:

- 1. Lubricate tire beads and rim flanges.
- 2. Do not exceed 30 P.S.I. when seating beads.
- 3. Adjust to recommended pressure after beads are sealed.

ASSEMBLY



Reference to right-hand or left-hand side of machine is from the driver's seat facing forward.

SEAT ASSEMBLY

To secure seat to cover assembly, line up the four holes in bottom of seat with four corresponding holes in cover. Then insert four hex screws $\frac{1}{4}$ -20 x $\frac{1}{2}$ " long up through holes, tightening with an adjustable wrench.

STEERING WHEEL ASSEMBLY See figures 1, 2 and 3.



Due to vibration during shipment, it is possible that the steering shaft on your unit may have dropped to a position where alignment of parts is difficult. This must be kept in mind during the assembly operation.

- Check the upper and lower hex bearings, be sure they are seated and in position. See figure 1.
- 2. Place your hand under the front of the unit, push up on the steering shaft assembly.
- Hold up the shaft assembly. Place the steering tube assembly on the shaft and start the hex screw through the hole. See figure 2.

4. Fasten the tubing assembly to the steering shaft assembly with hex screw and hex nut provided.

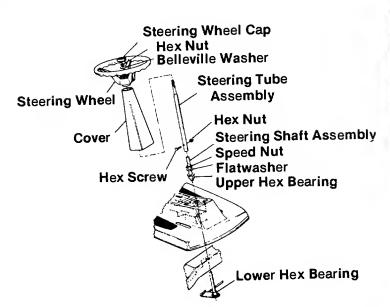


FIGURE 1. STEERING ASSEMBLY

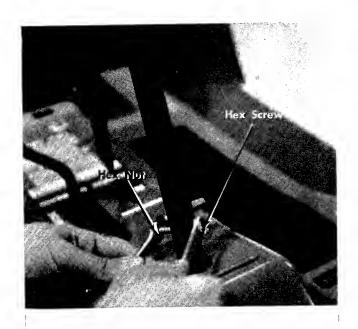


FIGURE 2. STEERING TUBE ASSEMBLY

- 5. Place two speed nuts on support bracket, as shown in figure 3.
- 6. Place the cover over the steering tube assembly, line up holes in cover with speed nuts. See figure 3.

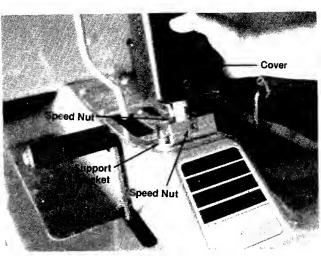


FIGURE 3.

7. Secure cover to support bracket with two truss machine screws provided. See figure 4.

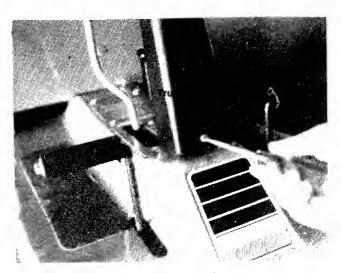
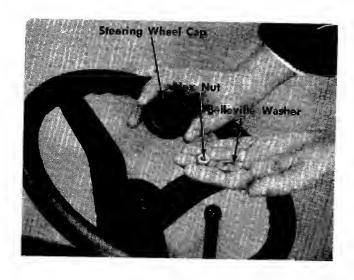


FIGURE 4.

- 8. Place the steering wheel on the tubing assembly and fasten with believille washer and hex nut. See figure 1.
- 9. Again, it may be necessary to raise the steering shaft assembly in order to put the hex nut on.
- 10. Place the steering wheel cap on by hand. See figure 5.



CONTROLS See figures 6 and 9.

This manual should be read in its entirety before you operate your Riding Mower. The more you know and understand about the machine and its operation, the better job it will do for you. While reading the manual, compare the illustrations with your mower to familiarize yourself with the locations of various controls, lubrication points, attachments and adjustment features.

Study the operating instructions and safety precautions thoroughly to insure proper functioning of your mower and to prevent injury to yourself and others. Be sure to save this manual for future reference.

THROTTLE CONTROL

The throttle control is used to regulate the engine speed and to activate the choke on the engine. To get maximum efficiency from cutting, the throttle should be in the FAST position when operating the mower. Pushing the throttle all the way forward, past FAST will choke the engine. See figure 6.

IGNITION KEY

The key must be turned to the ON position before you pull the recoil handle to start the engine. Remove the key when the mower is not in use. Turn the key to the left to the OFF position to stop the engine. See figures 10 and 11.

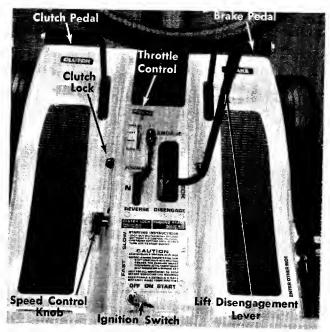


FIGURE 6. CONTROLS

LIFT AND DISENGAGEMENT LEVER

The lift and disengagement lever is used to raise and lower the cutting deck, set the cutting height, and disengage the cutting blades.

Move the lever to the right and move the lever all the way back and lock it to disengage the blades. The lever may be set in any one of the five cutting height positions.

INTERLOCKS (Not shown)

An interlock safety switch is located on the clutch pedal and the lift and disengagement lever.

The clutch pedal must be depressed down and locked.

The lift and disengagement lever must be in the STOP position (all the way back) before the engine can be started. Failure to follow these instructions will prevent starting.

GEAR SHIFT LEVER

The gear shift lever has three positions, FORWARD, NEUTRAL and REVERSE. The clutch pedal must be depressed and the riding mower must not be moving when shifting gears. Do not force the shift lever. Release the clutch pedal slightly to line up the shifting collar in the transmission. Then try to shift gears.

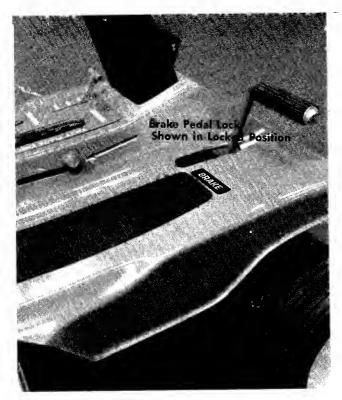


FIGURE 7. BRAKE PEDAL LOCK

BRAKE

To operate the brake, depress the right pedal all the way down. To lock the brake in park position, depress the right pedal all the way down and lift the brake lock. Pedal will stay in the depressed position. To release the parking brake, depress the pedal. See figure 7.

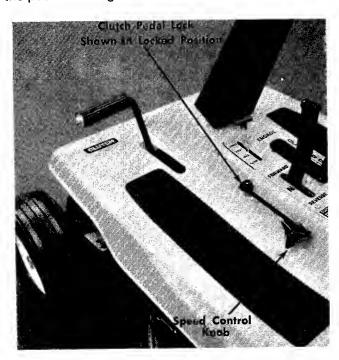


FIGURE 8. CLUTCH PEDAL LOCK

CLUTCH PEDAL

The clutch pedal on the left side when depressed, disengages the engine from the transmission. It can be held in the disengaged position by lifting the clutch lock. To stop the mower, depress the clutch and brake pedals. See figure 8.

SPEED CONTROL KNOB

The speed control knob allows you to regulate the ground speed of the riding mower. See figure 8.



The further forward the speed control knob is set, the slower the ground speed.



FIGURE 9. CONTROLS

OPERATING INSTRUCTIONS



- 1. Keep all shields and guards in place.
- 2. Before leaving operator's position:
 - Shift controls into neutral Set parking brake (Brake Lock) Disengage attachment drive Shut off engine
 - Remove ignition key
- Wait for all movement to stop before servicing machine.
- Keep people and pets a safe distance away from machine.



CAUTION

Parking brake **must** be disengaged before unit is put into motion.



NOTE

Unit is equipped with separate brake and clutch pedals. To efficiently stop, it is necessary to disengage the clutch when applying the brakes.

STARTING THE ENGINE

- 1. Be sure the crankcase is filled with oil as recommended in the engine manual and put regular gasoline in the gasoline tank.
- 2. Attach the wire to the spark plug.
- 3. Depress the clutch pedal and lock it down.
- 4. Move the lift and disengagement lever back to the disengaged position and lock it.
- 5. Set the throttle control lever in the CHOKE position.
- Turn the ignition key to the ON position. Twist the recoil starter handle until it is free and pull it with a quick steady motion. After the engine starts, return the recoil starter handle. Twist it until it locks. See figures 10 and 11.



NOTE

If these instructions are not followed the engine will stop running when the clutch or blade are engaged.

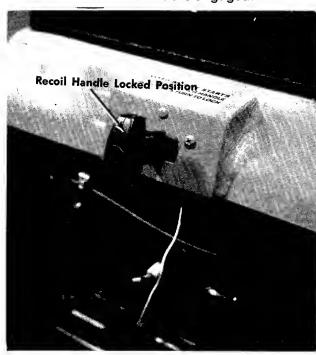


FIGURE 10. RECOIL HANDLE

- 7. Slowly return the throttle to the running position as soon as the engine starts.
- 8. To stop either model, turn the ignition key to the OFF position. Remove the key when the rider is not in use.

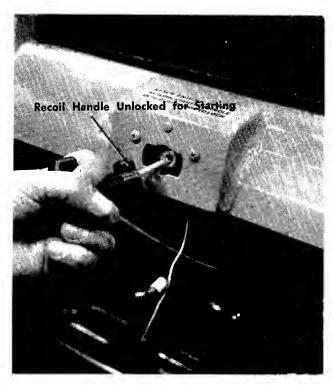


FIGURE 11. RECOIL HANDLE



FIGURE 12. STARTER SWITCH

PUTTING THE RIDING MOWER IN MOTION

- 1. Advance the throttle control from ¾ to full throttle to prevent strain on the engine and to operate the cutting blades.
- 2. Place the gear shift lever in either the FORWARD or REVERSE position.

- 3. Slowly release the clutch pedal.
- 4. To stop, depress the clutch and the brake pedals.
- The blades can be engaged either while moving or while standing still. Move the lift and disengagement lever forward slowly until the blades are running.

STOPPING

Engine—Turn the ignition key to the left to the OFF position.

Rider—Depress the clutch and brake pedals.

Blades—Pull the lift and disengagement lever all the way back and lock it.

MAINTENANCE AND ADJUSTMENTS

THROTTLE CONTROL

To Check Operation:

- 1. Remove air cleaner.
- 2. Move throttle control lever to CHOKE position. The carburetor choke should be closed.
- 3. Move throttle control lever to STOP position. Lever should make good contact with stop switch.

To Adjust: See figure 13.

Place remote control lever on equipment in FAST (high speed) position.

Lever C on carburetor should be just touching choke arm at D. To adjust, loosen casing clamp screw A on blower housing. Move control casing B forward or backward until correct position is obtained. Tighten screw A.

Recheck operation of controls after adjustment. Replace air cleaner.

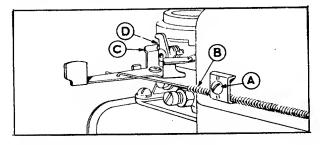


FIGURE 13. THROTTLE CONTROL ADJUSTMENT

CARBURETOR ADJUSTMENTS: See figure 14.

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load.

Initial Adjustment:

Turn needle valve clockwise to close it. Then open 2 turns. This initial adjustment will permit the engine to be started and warmed up before making final adjustment.

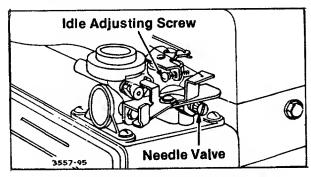


FIGURE 14. CARBURETOR ADJUSTMENT

Final Adjustment:

With engine running at normal operating speed (approximately 3000 RPM without load) turn needle valve clockwise until engine starts to lose speed (lean mixture). Then slowly turn needle valve counterclockwise past the point of smoothest operation, until engine just begins to run unevenly. This mixture will give best performance under load.

To check adjustment move engine control from SLOW to FAST speed. If engine tends to stall or die out, it usually indicates that the mixture is slightly lean and it may be necessary to open the needle valve slightly to provide a richer mixture. This richer mixture may cause a slight unevenness in idling.

CHAIN ADJUSTMENT: See figure 15.

After the first five hours of operation the initial slack should be removed from the chain. The chain should be tight enough so that it deflects approximately ½" when it is depressed with the thumb.

To Adjust:

The adjusting bolt is located under the frame, above the cutting deck on the right side of the mower.

Turn the adjusting bolt clockwise with an open end wrench until the chain reaches the proper tension.



If the transmission mounting plate will not slide forward to adjust the chain tension, it may be necessary to loosen the four nuts mounting the transmission to the frame.

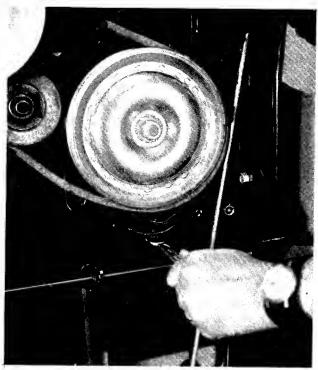
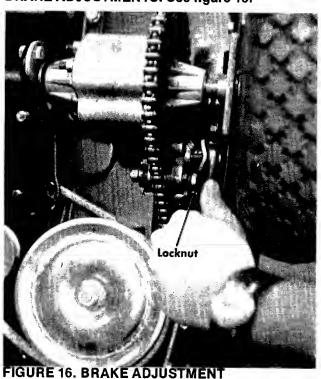


FIGURE 15. CHAIN ADJUSTMENT



Deck was removed for photographing. BRAKE ADJUSTMENTS: See figure 16.



To adjust the brake tighten the locknut one-half turn and then test the brakes.

The brake is located by the right rear wheel inside the frame.



Deck was removed for photographing.

BLADES



Disconnect the spark plug wire and remove the ignition key before removing the blades.

Sharp and balanced blades are essential for efficient mowing and long mower and engine life. When sharpening blades, file equal amounts of metal from each side. The blades should be balanced before they are reinstalled. An unbalanced blade will cause excessive vibration and undue wear on the mower and the engine. When reassembling, all parts must be installed in the proper order and fastened securely.

Remove the 3/8" bolt and lockwasher. Pull the blade and adapter off the mower deck. To remove the adapter from the blade, remove the two 5/16" bolts, lockwashers and nuts. See figure 17.

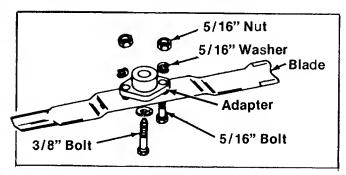


FIGURE 17. BLADE REMOVAL MOWER DECK

The underside of the mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next mowing.

The deck may be cleaned by tilting the mower on its front wheels until the frame and the steering wheel supports the entire unit. Scrape clean with a suitable tool or by washing with a stream of water from a garden hose. Be sure to disconnect the spark plug wire and ground it while performing this maintenance.



To insure safe operation, ALL nuts and bolts must be checked periodically for correct tightness.

PREPARING FOR BELT REMOVAL

- 1. To prevent gasoline from leaking from the engine, remove the fuel tank cap, place a piece of thin plastic over the neck of the fuel tank and screw on the cap.
- 2. Disconnect the spark plug wire and ground it against the engine.

To Remove the Deck Belt

- Step 1. Put the lift and disengagement lever into the ENGAGED position.
- Step 2. Remove two belt keepers at the engine pulley. See figure 18.
- Step 3. Remove two belt keepers at the deck pulley and shoulder bolt. See figures 19 and 20.
- Step 4. DISENGAGE the deck and unhook the belt from the engine pulley.

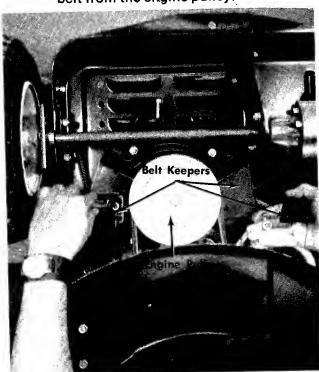


FIGURE 18. REMOVAL OF BELT KEEPERS
Step 5. ENGAGE the deck and remove the beit.
To Remove the Drive Belt:

Step 1. Remove the two belt keepers at the engine pulley. DISENGAGE the deck and remove the belt.

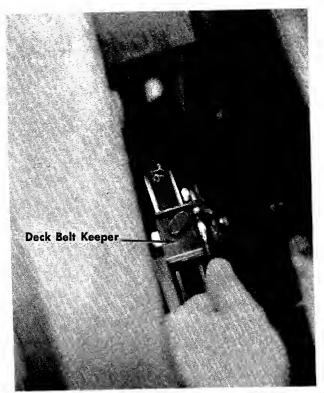


FIGURE 19. REMOVAL OF DECK BELT KEEPERS

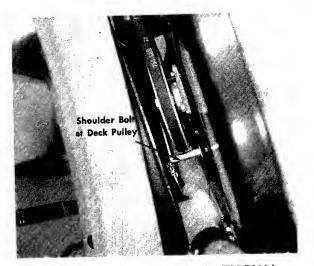


FIGURE 20. SHOULDER BOLT REMOVAL

Step 2. ENGAGE the deck and unhook the deck springs.



Deck will drop when last bolt is removed in step 3.

Step 3. Remove six hex screws, nuts and lockwashers holding the deck. See figure 21

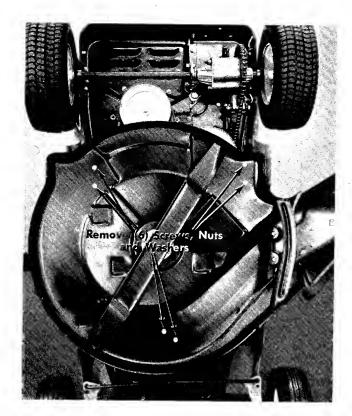


FIGURE 21. DECK REMOVAL

Step 4. Remove the belt guard at the engine pulley. See figure 22.

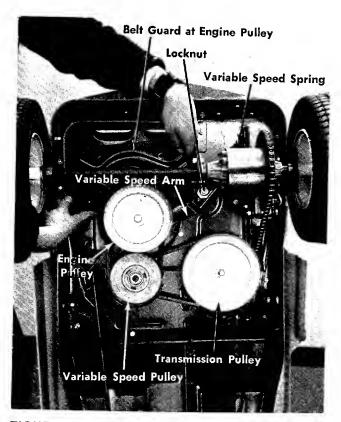


FIGURE 22. ENGINE BELT GUARD REMOVAL

- Step 5. Remove the nut and lockwashers at the transmission pulley and variable speed pulley. See figure 22.
- Step 6. Remove the locknut at the variable speed arm and lift off the spring. See figure 22.



When reassembling the transmission pulley, place hub side up.

LUBRICATION See figure 23.

- 1. Engine. Maintain the engine oil according to the engine manual.
- 2. Bearings. The following bearings are oil impregnated and do not require lubrication, however, their normal life can be extended by lubricating them once a season with a light, non-detergent oil.
- 3. King Pin Bearings (total 4 bearings)
- 4. Rear Axle Bearings (total 3 bearings)
- 5. Front Wheel Bearings (total 4 bearings)
- 6. Throttle Control and Cable. Wipe oiled rag along entire length of cable.
- 7. Chain. Wipe oiled rag along entire length of chain.



Under extremely dusty conditions do not oil the chain.

- 8. Linkage. Oil all deck linkage and height adjustment linkage.
- Transmission. Lubricated at the factory, does not require checking. Lubricate with 4 oz. of Lubriplate No. 310 if disassembled.
- Differential. Lubricated at the factory, does not require checking. Lubricate with 2 oz. of grease High Temp. 450°F. if disassembled. If ordered from the factory use Part No. 737-0120.
- 11. Steering. Lubricate at least once a season with oil.
- 12. Variable Speed Pulley. See page 22.

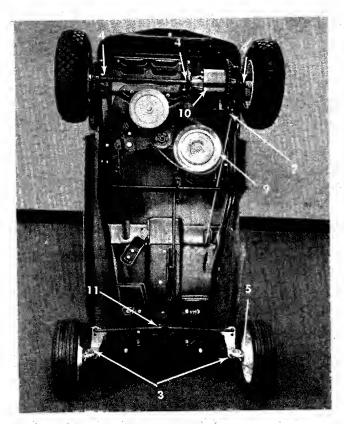


FIGURE 23. LUBRICATION POINTS

OFF-SEASON STORAGE



Engines to be stored over 30 days should be completely drained of fuel to prevent gum deposits forming on essential carburetor parts, fuel filters, fuel lines and tank.

- Remove all fuel from fuel tank. Run the engine until it stops from lack of fuel. The small amount of fuel that remains in the sump of the tank should then be removed by absorbing it with a clean, dry cloth.
- 2. While engine is still warm, drain oil from crankcase. Refill with fresh oil.
- 3. Remove spark plug, pour 1 ounce of SAE 30 oil into cylinder and crank slowly to distribute oil. To prevent accidental starting, DO NOT replace the spark plug.
- Clean dirt and chaff from cylinder, cylinder head fins and blower housing.
- 5. Clean all grass from underside of deck.

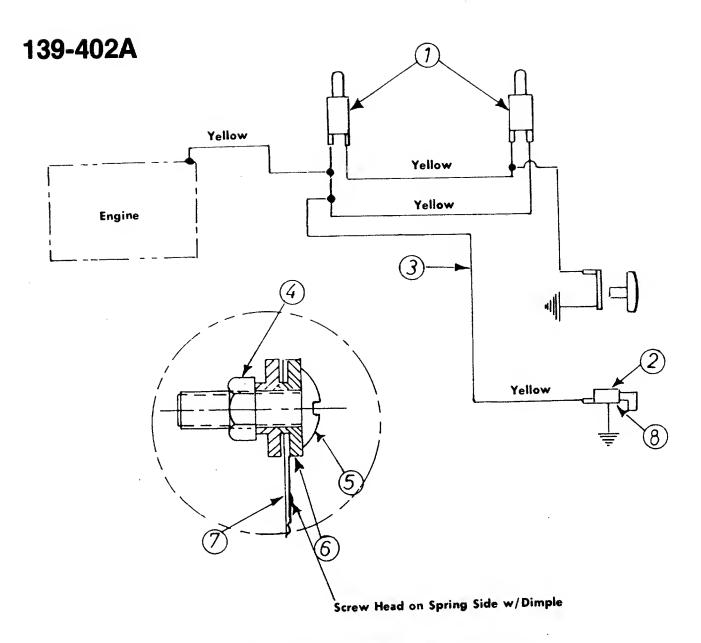
- 6. Clean the air filter.
- 7. Place blocks under frame of mower so that the wheels are off the ground.
- Cover all bare metal parts, such as the mowing edge of the blades, with grease to prevent rusting.
- 9. Cover the mower with a tarpaulin or other protective covering.

TROUBLE SHOOTING CHART



ALWAYS DISCONNECT SPARK PLUG BEFORE ATTEMPTING ANY REMEDY.

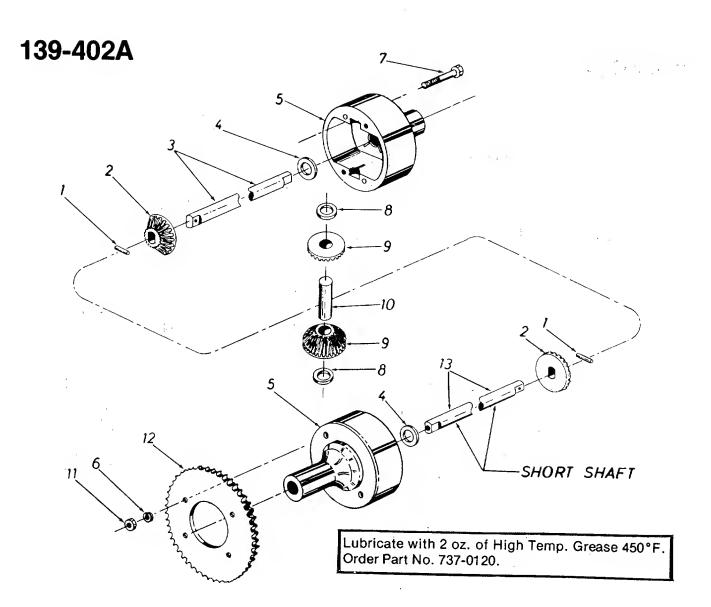
TROUBLE	LOOK FOR	REMEDY
Engine fails to start.	Safety System	If the engine will not start be sure the clutch control is disengaged; blade controls disengaged, the throttle control is set and the key is turned on.
		A. Disconnect the yellow wire from the engine. This comes from the ignition switch.
		B. If the engine fails to start the problem is with the engine, not the safety system.
		C. If the engine starts, the problem is with the safety system. Check the yellow wire for a ground.
		D. Check the operation of the switch behind the recoil starter handle.
		E. If the engine stops when the clutch or blade is engaged, the recoil handle is not pushed into the receptacle and twisted a quarter turn.
	Blocked fuel line or empty gas tank	Clean fuel line; check fuel supply. Also check fuel shut-off valve.
	Defective spark	Spark plug lead wire disconnected.
	plug	Faulty spark plug—spark should jump gap between control electrode and side electrode. If spark does not jump, replace spark plug.
		NOTE: Use insulated pliers to hold the spark plug wire.
	Throttle setting	Throttle control lever not in the starting position.
	Loose connections	Spark plug wire loose.
Hard starting or loss of	Dirty air cleaner	Remove air cleaner and clean as outlined in Engine Manual.
	Carburetor improperly adjusted	Review paragraph Carburetor Adjustment.
Excessive vibration.	Bent or damaged blade spindle	Stop engine immediately; tighten all bolts and make all necessary repairs. If vibration continues, have the unit serviced by a competent repairman.
Unit fails to discharge grass.	Discharge chute clogged	Clean discharge chute and inside of deck.
	Foreign object lodged in deck	Remove object from deck. See CAUTION following step 1 in paragraph Operation .
Engine overheats.	Obstructions in air passages	Remove any obstruction from air passages in shroud. Grass and dirt in engine shroud. Clean cooling fins.
	Oil level	Fill crankcase to proper oil level.



PARTS LIST FOR SCHEMATIC MODEL 139-402A

REF. NO.	PART NO.					
1	725-0269	Safety Switch Norm Closed— Red				
	725-0379	Safety Switch				
2	725-0464	Magneto Ignition Switch				
	725-0201	Ignition Key				
3	725-0407	Wire Harness				
4	712-0121	Hex Nut #10-24				
5	710-0425	Truss Mach. Scr. #10-24 x .62				
6	736-0338	Fiber Washer				
7	732-0257	Switch Spring				
8	736-0225	Internal L-Wash. 5/8 I.D.				

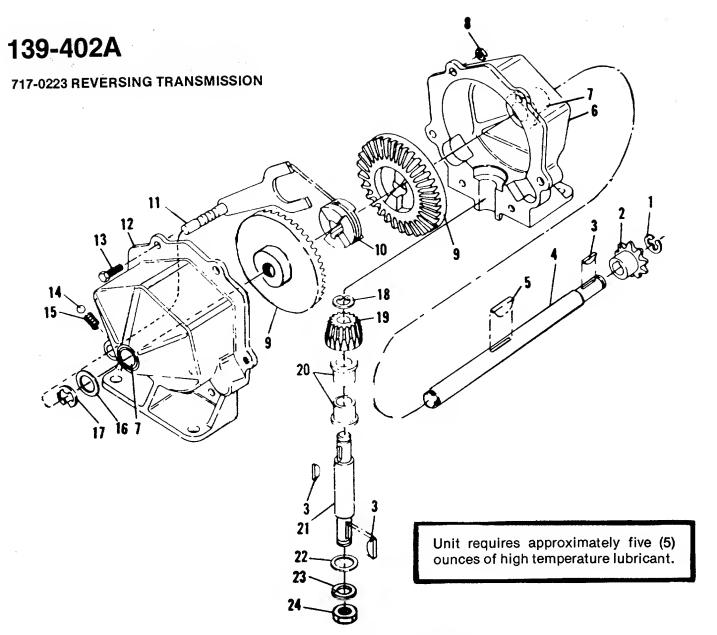
^{*}For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.



PARTS LIST FOR DIFFERENTIAL ASSEMBLY 717-0328

REF. NO.	PART NO.	Qty. Req'd.	DESCRIPTION	NEW PART
1	715-0247	2	Spring Pin Spir. 3/16" Dia. x 1.00" Lg.	1
2	748-0185	2	Gear-Double "O" Hole	
3	738-0300	1	Shaft-Long 19.31" Lg.	
4	736-0188	2	FI-Wash760 I.D. x 1.49 O.D.	
5	717-0341	2	Housing Half	
6	736-0119	2	L-Wash. 5/16" Scr. *	
. 7	710-0363	2	Hex Scr. 5/16-24 x 4.00" Lg.*	1
8	736-0187	2	FI-Wash640 I.D. x 1.24 O.D.	
9	748-0158	2	Gear—Round Hole	
10	711-0276	1	Drive Pin	
11	712-0237	. 1 2	Hex Cent. L-Nut 5/16-24 Thd.	
12	09054	1	Sprocket—40 Tooth	1
13	738-0301	1	Shaft—Short 7.07" Lg.	

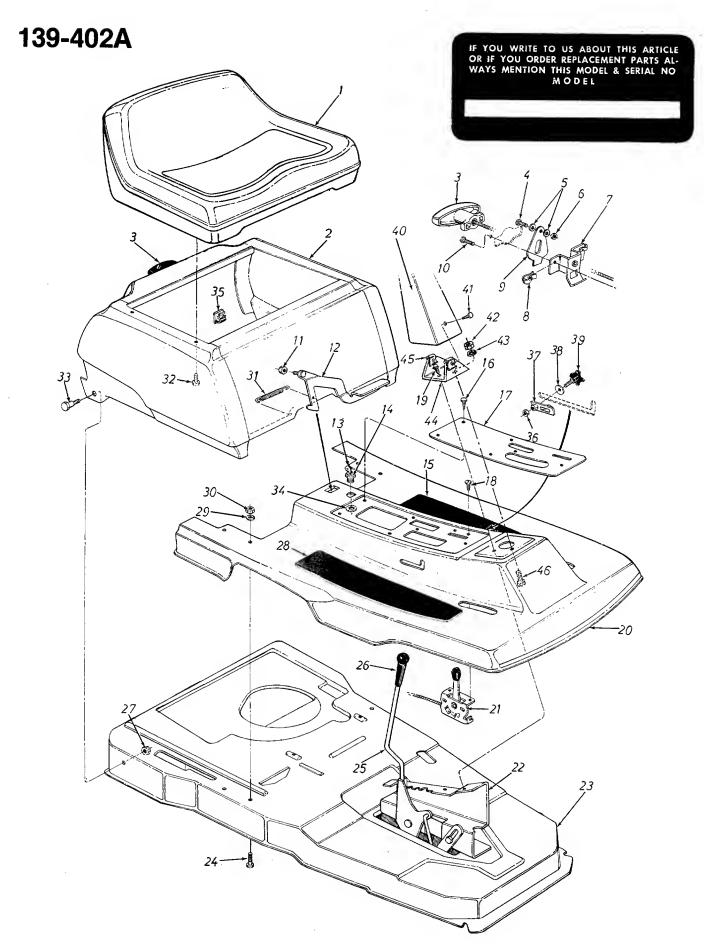
^{*}For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.



PARTS LIST FOR REVERSING TRANSMISSION 717-0223

			170110 20011 011112						
REF.	PART NO.	COLOR	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	716-01		E-Ring for .500" Dia. Shaft		14	741-08	62	Detent Ball	
2	748-08	-	Sprocket 8 Tooth		15	732-08	863	Detent Spring	
3	714-01		#4 Hi-Pro Key 3/32 x 5/8"		16	736-01	16	FI-Wash635 I.D. x .93 O.D.	
			Dia.		17	716-01	06	E-Ring for .625" Dia. Shaft	
4	711-08	54	Output Shaft		18	716-08	365	Snap Ring for .500" Dia. Shaft	ţ
5	714-01		#9 Hi-Pro Key 3/16 x ¾" Dia.		19	748-08	366	Pinion Gear	
6	717-01	23	Trans. Case—L.H. Comp.		20	748-08		Bearing .627 I.D.	
7	748-08	55	Flange Brg.		21	738-01		Pinion Shart	
8	712-01	17	Hex Centerlock 1/4-28*	}	22	736-01	_	FI-Wash531 I.D. x .93 O.D.	
9	748-08	56	Bevel Gear	ļ	23	736-09		Spring L-Wash. ½" Scr. *	
10	748-08		Clutch Collar		24	712-09		Hex Jam Nut ½-20 Thd.*	
111	310-08	583	Shift Yoke Ass'y.		25	737-01	120	Grease—High Temp. 450°F	
12	717-01	24	Trans. Case—R.H.—Comp.	-[1			(5 oz.)	1
-			(With Detent Hole)		26	717-02	223	Transmission Complete	
13	710-01	95	Hex Hd. Cap Scr. 1/4-28 x .62"						
			Lg.*					and he obtained legally, order by par	

^{*}For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.



PARTS LIST FOR MAIN BODY MODEL 139-402A

REF.	PART NO.	COLOR		NEW PART	REF. NO.	PART NO.	COLOR CODE		NEW PART
NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	757-026 12131 11263 710-042 736-033 712-012 11053 712-036 712-042 12144 725-026 725-046 723-024 710-041 12175 710-04	CODE 65	Seat—Comp. Cover Ass'y. Plastic Handle Truss Mach. Scr. #10-24 x .62" Lg.* Fiber Wash. Hex Nut #10-24 Thd. Switch Brkt. Ass'y. Speed Nut #10Z Switch Sprg. Truss Mach. B-Tapp. Scr. #10 x .50" Lg.* Hex Ins. L-Nut 5/16-18 Thd. Latch—Engine Cover Ignition Key Ignition Switch Foot Pad Hex Drilling Scr. #10 x .50 Cover Plate Hex Drilling Scr. #10 x .50 Truss Mach. B-Tapp Scr. #10 x .50 Truss Mach. B-Tapp Scr. #10 x .50 Truss Mach. B-Tapp Scr. #10 x .50" Lg.* Floor Pan	PART			CODE 98 43 58 41 19 67 18 89 55 25 41 58 19 70 262 173 287	Hex Sems Scr. 5/16-18 x .75" Lg.* Deck Lift Handle Ass'y. Grip Hex Cent. L-Nut 5/16-18 Thd Foot Pad L-Wash. 5/16" Scr.* Hex Nut 5/16-18 Thd.* Extension Spring Hex Scr. 1/4-20 x .50" Lg.* Shld. Scr437 Dia. x .162 Int. L-Wash. 5/8 I.D. Adjustment Clamp Hex Cent. L-Nut 5/16-18 Thd Speed Control Bracket Belleville Wash. Hand Knob Cover-Steering Column Truss Mach. Scr. #10-24 .50" Lg.* Hex Nut 1/4-20 Thd.* LWash. 1/4" Scr.* Support Bracket Speed Nut #10-24 Thd.	PART
21 22 23	746-02 12150 12125	39 — 462	Throttle Control—R.H. Index and Support Brkt. Main Frame		46	710-02		Hex Scr. 1/4-20 x .75" Lg.*	

WHEEL CHART

	FRONT WHEEL	KEAR WHEEL		
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	
734-0510 10152 748-0146 —-	Wheel Ass'y.—Comp. Rim with Hub Ass'y. Bearing Hub Part of Rim	734-0522 734-0517 734-0301 741-0199 — 734-0255	Wheel Ass'y.—Comp. Rim with Hub Ass'y. Tire Only 12.2 x 3.7 Bearing Hub Part of Rim Air Valve	

^{*}For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

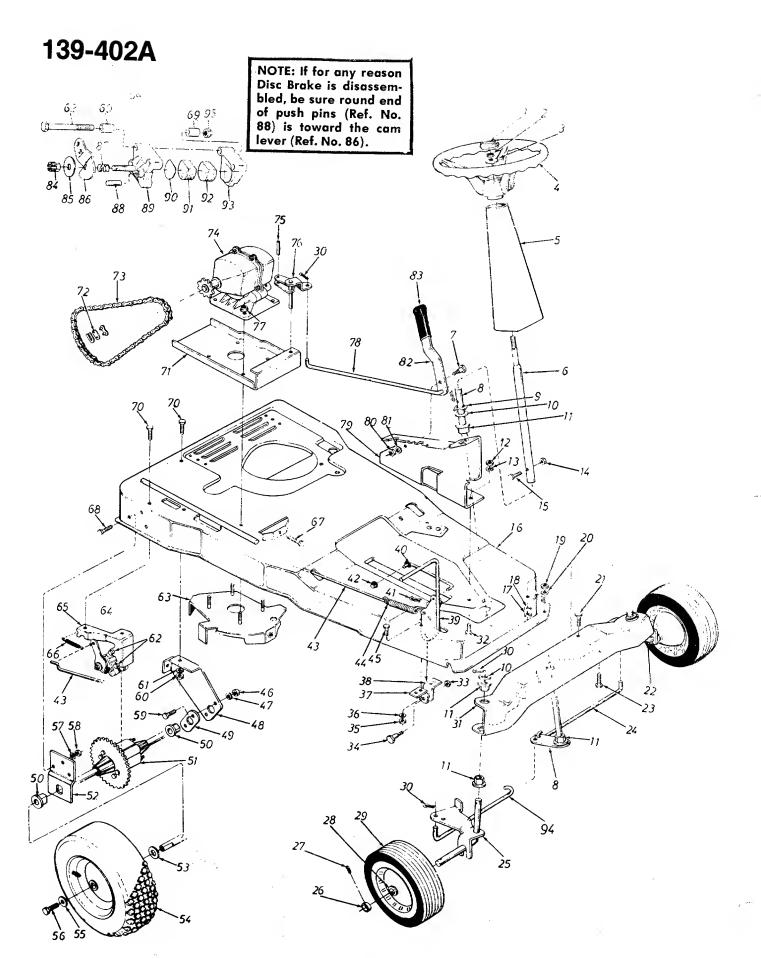
(462—Red Flake) When ordering parts if color or finish is important, use color code shown at left. (e.g. Red Flake Finish—12131 (462).)

NOTE: The engine is not under warranty by the mower manufacturer . . . If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."



NOTE

This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.



PARTS LIST FOR FRAME VIEW MODEL 139-402A

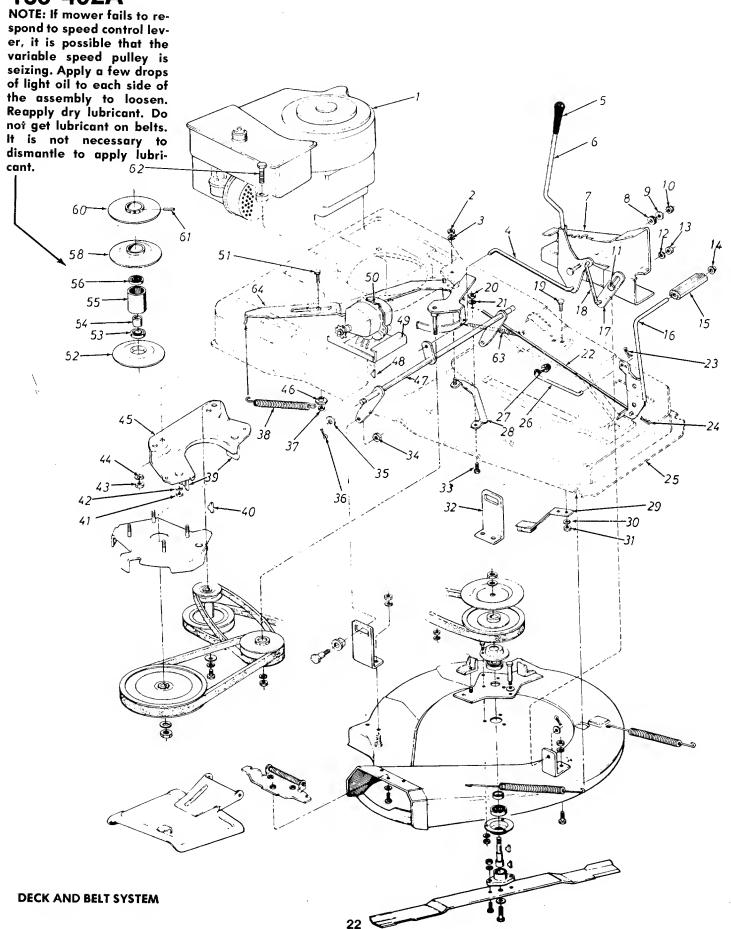
No. No. Code Description Part No. No. Code	CRIPTION PART Support Brkt. Plate
1 731-0220 Steering Wheel Cap 48 12147 Rear Axle Searing Flag. Bearing Flag. Bright Steering Wheel Ass'y. 49 10470 Rear Axle Searing Flag. Bright Steering Flag. Bright Steering Wheel Ass'y. 50 741-0199 Flag. Bright Steering Flag. Bright Steering Column Steering Tube Ass'y. 50 7717-0328 Differentia Axle Brit. Fl-Wash. Axle Brkt. Fl-Wash. Axle Brkt. Fl-Wash. Axle Brkt. Fl-Wash. Steering Tube Ass'y. 51 736-0134 Fl-Wash. Axle Brkt. Fl-Wash. Axle Brkt. Fl-Wash. O.D. D. 734-0522 Wheel Ass 12:2 x 3. 812138 Steering Shaft Ass'y. Push Speed Nut .62 Dia. Belleville Vo.88 O.D. X. 54 736-0134 736-0105 Belleville Vo.88 O.D. Steering Shaft Ass'y. Push Speed Nut .62 Dia. Belleville Vo.88 O.D. X. 55 736-0105 Belleville Vo.88 O.D. Steering Shaft Ass'y. Push Speed Nut .62 Dia. Belleville Vo.88 O.D. Steering Shaft Ass'y. Protocology of Table Vol. Brack	
Transmis Transmis	Plate I
Steering Wheel Ass'y. Steering Shaft Ass'y. Stee	
1	w/Flats .751 I.D.
5 731-0262 Cover—Steering Column 52 12148 736-0134 FI-Wash. O.D. 7 738-0140 Steering Tube Ass'y. 54 734-0522 Wheel Ass 12.2 x 3. 8 12138 Steering Shaft Ass'y. 55 736-0105 Belleville V. 88 O.D. 10 736-0156 FI-Wash. 635 I.D. x 1.120 O.D. 56 710-0627 Hex Scr. 5 12 712-0267 Hex Flange Brg630 I.D. 58 712-0267 Hex Nut 5/16-18 Thd.* 13 736-0119 L-Wash. 5/16" Scr.* 59 710-0198 Hex Scr. 5/16-18 Thd.* 14 712-0267 Hex Nut 5/16-18 Thd.* 60 712-0267 Hex Nut 5/16-18 Thd.* 15 710-0428 Hex Nut 5/16-18 Thd.* 62 710-0395 Hex Scr. 5/16-18 Thd.* 16 712-0267 Hex Nut 5/16-18 Thd.* 64 761-0130 Belt Guard 19 712-0267 Hex Nut 5/16-18 Thd.* 64 761-0130 Belt Guard 19 712-0267 Hex Sems Scr. 5/16-18 X 75" Lg.* 66 721-013	l Ass'y.—Comp.
5 750-0233 Steering Tube Ass'y. 7 738-0140 Steering Tube Ass'y. 8 12138 Steering Shaft Ass'y. 9 712-0222 Push Speed Nut .62 Dia. 10 736-0156 FI-Wash635 I.D. x 1.120 0.D. O.D. 11 748-0227 Hex Flange Brg630 I.D. 12 712-0267 Hex Nut 5/16-18 Thd.* 13 736-0119 L-Wash. 5/16" Scr.* 14 712-0267 Hex Cent. L-Nut ¼-20 Thd. 15 712-0267 Hex Ser. ¼-28 x 1.25" Lg.* 16 12125 Main Frame 17 712-0267 Hex Nut 5/16-18 Thd.* 19 712-0267 Hex Nut 5/16-18 X 75" Lg.* 66 761-0130 Disc Brake 65 12145 Brake Brk 10	7.7.5
7 738-0140 Shld. Scr437 Dia. x .180" Lg. 54 734-0522 Wheel Ass 12.2 x 3. Belleville V88 O.D. Trigon Speed Nut .62 Dia. Fi-Wash .635 I.D. x 1.120 O.D. 55 736-0105 Belleville V88 O.D. Hex Flange Brg630 I.D. Trigon Speed Nut .62 Dia. Fi-Wash .635 I.D. x 1.120 O.D. 56 710-0627 Trigon Speed Nut .62 Dia. Trigon Speed Nut .6	812 I.D. x 1.38
Lg. Steering Shaft Ass'y. Push Speed Nut .62 Dia. FI-Wash635 I.D. x 1.120 O.D. Hex Flange Brg630 I.D. Hex Flange Brg630 I.D. Hex Nut 5/16-18 Thd. *	
8	s'y—Comp. Rear
9 712-0222	./
Tilde	Nash400 I.D. x
O.D. Hex Flange Brg630 I.D. Hex Nut 5/16-18 Thd.* 12 712-0267 Hex Nut 5/16-18 Thd.* 13 736-0119 Hex Cent. L-Nut ¼-20 Thd. Hex Scr. ¼-28 x 1.25" Lg.* 16 12125 Main Frame Hex Nut 5/16-18 Thd.* 17 712-0267 Hex Nut 5/16-18 Thd.* 18 736-0119 L-Wash. 5/16" Scr.* 19 712-0267 Hex Nut 5/16-18 Thd.* 10 736-0119 Hex Scr. 5/16-18 x 11 748-0227 Hex Nut 5/16-18 Thd.* 12 710-0198 Hex Scr. ¼-28 x 1.25" Lg.* 13 736-0119 Hex Nut 5/16-18 Thd.* 14 712-0267 Hex Nut 5/16-18 Thd.* 15 710-0395 Hex Nut 5/16-18 Thd.* 16 12125 Hex Nut 5/16-18 Thd.* 17 712-0267 Hex Nut 5/16-18 Thd.* 18 736-0119 Hex Scr. 5/16-18 x 19 712-0267 Hex Nut 5/16-18 Thd.* 10 710-0395 Hex Scr. 5/16-18 x 10 9780 Hex Scr. 5/16-18 x 11 710-0198 Hex Scr. 5/16-18 x 12 09709 Axle Ass'y.—Front—L.H. 18 Hex Sems Scr. 5/16-18 x 19 710-0198 Hex Scr. 5/16-18 x 10 9700 Axle Ass'y.—Front—L.H. 19 710-0198 Hex Scr. 5/16-18 x 10 9700 Axle Ass'y.—Front—R.H. 10 10 10 19 The X Scr. 5/16-18 x 11 10 10 19 The X Scr. 5/16-18 x 12 10 10 19 The X Scr. 5/16-19 x 13 736-0119 Hex Nut 5/16-19 The X Scr. 5/16-19 x 14 710-0198 Hex Scr. 5/16-18 x 15 710-0198 Hex Scr. 5/16-18 x 16 12 12 12 5 The X Scr. 5/16-18 x 17 10 -0198 Hex Scr. 5/16-18 x 18 710-0198 Hex Scr. 5/16-18 x 19 710-0198 Hex Scr. 5/16-18 x 10 10 19 712-0267 Hex Nut 5/10-0198 Hex Nut 5/10-0198 Hex Scr. 5/16-18 x 10 10 10 19 The X Scr. 5/16-19 x 10 10 10 19 The X Scr. 5/16-19 x 10 10 10 19 The X Scr. 5/16 18 x 10 10 10 19 The X Scr. 5/16 18 x 10 10 10 19 The X Scr. 5/16 19 x	75" "
11 748-0227 Hex Flange Brg630 I.D. 12 712-0267 Hex Nut 5/16-18 Thd.* 13 736-0119 L-Wash. 5/16" Scr.* 14 712-0107 Hex Cent. L-Nut ¼-20 Thd. 15 710-0428 Hex Scr. ¼-28 x 1.25" Lg.* 16 12125 Main Frame 17 712-0267 Hex Nut 5/16-18 Thd.* 18 736-0119 L-Wash. 5/16" Scr.* 19 712-0267 Hex Nut 5/16-18 Thd.* 20 736-0119 L-Wash. 5/16" Scr.* 19 712-0267 Hex Nut 5/16-18 Thd.* 20 736-0119 L-Wash. 5/16" Scr.* 19 712-0267 Hex Nut 5/16-18 Thd.* 19 712-0267 Hex Nut 5/16-18 Thd.* 20 736-0119 L-Wash. 5/16" Scr.* 19 710-0198 Hex Sems Scr. 5/16-18 x 20 736-0119 Hex Sems Scr. 5/16-18 x 21 710-0198 Hex Sems Scr. 5/16-18 x 22 09709 Axle Ass'y.—Front—R.H. 24 747-0147 Hex Sems Scr. 5/16-18 x 25 747-0147 Axle Ass'y.—Front—	5/16-24 x .75" Lg.
12 712-0267 736-0119	/16" SCr.
13 736-0119 L-Wash. 5/16" Scr.* 14 712-0107 Hex Cent. L-Nut ¼-20 Thd. 15 710-0428 Hex Scr. ¼-28 x 1.25" Lg.* 16 12125 Main Frame 17 712-0267 Hex Nut 5/16-18 Thd.* 18 736-0119 L-Wash. 5/16" Scr.* 19 712-0267 Hex Nut 5/16-18 Thd.* 20 736-0119 L-Wash. 5/16" Scr.* 19 712-0267 Hex Nut 5/16-18 Thd.* 19 712-0267 Hex Nut 5/16-18 Thd.* 19 710-0198 Hex Sems Scr. 5/16-18 x 20 736-0119 Hex Sems Scr. 5/16-18 x 21 710-0198 Hex Sems Scr. 5/16-18 x 22 09709 Axle Ass'y.—Front—L.H. 23 710-0198 Hex Sems Scr. 5/16-18 x 24 747-0147 Tie Rod 3/8" Dia. L.H. 25 70706 26 711-0169 26 711-0169	/16-18 I II
14 712-0107 Hex Cent. L-Nut ¼-20 Thd. 15 710-0428 Hex Scr. ¼-28 x 1.25" Lg.* 16 12125 Main Frame 17 712-0267 Hex Nut 5/16-18 Thd.* 18 736-0119 L-Wash. 5/16" Scr.* 19 712-0267 Hex Nut 5/16-18 Thd.* 20 736-0119 L-Wash. 5/16" Scr.* 21 710-0198 Hex Sems Scr. 5/16-18 x 21 710-0198 Hex Sems Scr. 5/16-18 x 22 09709 Axle Ass'y.—Front—L.H. Hex Sems Scr. 5/16-18 x 710-0198 10-0198 Hex Sems Scr. 5/16-18 x 10-0198 Hex Sems Scr. 5/16-18 x <tr< td=""><td>Scr. 5/16-16 X</td></tr<>	Scr. 5/16-16 X
15 710-0428	.10.10.Thd *
16	/16-18 IIId.
17 712-0267	1/10 301.
18	d A co'v Trans
19 712-0267	
20 736-0119	+ Ace'v
21 710-0198	
22 09709	5/16-24 x 1.00" Lg.
22 09709	5/10-24 X 1:00 Lg:
23 710-0198	s Scr. 5/16-18 x .75"
24 747-0147 Tie Rod 3/8" Dia. L.H. 25 09706 Axle Ass'y.—Front—R.H. Collar Transmis	3001.0710 10 11
24 747-0147 Tie Rod 376 Dia. L.T. 70 710-0198 Hex Sems Lg.* 26 711-0169 Collar 71 10247 Transmis	r Disc Brake
25 09706 Axte Ass y.— Tonto Time Lg.* 26 711-0169 Collar Transmis	s Scr. 5/16-18 x .75"
26 /11-0169 Collai 71 10247 Transmis	
107 1740 0666 190 Hd Set Scr. 5/10-18 X 1 1/1 11024/	sion Plate
1 2/ 1 / 10-0000 Uq. 11d. Oct Oct. 1 1 1 1 1 1 1 1 1 1	er Link 1/2" Pitch
Type II	
28 748-0146 Flange Big. W/Flats 3000 73 713-0190 #41 Chair	1 1/2" Pitch x 71 Links
Front 10, 25 x 74 717 0223 Single Sp	od. Trans.—Comp.
1 29 1/34-0510 Wilcon Acc Conting Di	n Roll 1/8" x .75"
Lq.	
30 714-050/ Cotter Pill 3/32 Dia. X.73 76 12170 Shift Brki	t. Ass'y.
1 77 712-0429 Hex Ins.	L-Nut 5/16-18 Thd.
31 12151 Front Wheel Block 78 747-0136 Shift Rod	1
32 / 710-0198 Hex 36th 30th 37 179 12150 Index and	d Support Brkt.
1 1 1 1 1 1 1 1 1 1	5/16-18 Thd.*
33 /12-03/5 Het Cent. 500" Dio y 205" 81 736-0119 L-Wash.	5/16" Scr.*
34 738-0234 Shift Lev	er
os 740 0007 Lov Nut 5/16-18 Thd.* 83 720-0142 Grip—Fli	at Bar Type
26 726 0110 -Wash 5/16" Scr.* 84 /12-0134	L-Nut 5/16-24 Thd.
Dedel Divet Brit w/ 1/2" Hole 185 1HH-U3-U3U32 Wash	49 I.D. x 1.004 O.D.
29 12156 Pedal Pivot Brkt. w/3/8"	
80 INT-10-03493 Cam Edit	Compres 250" Dia
30 12136 Brake Pedal Ass'y. 87 HH-06-03031 Spirity	Compres350" Dia.
140 12410 Pedal Lockout Rod 5/16"	.309" Dia. x .857"
Rod 80 H11-03-03004 1 4577 111	1.309 Dia. x.857
41 714-0104 Int Cotter Pin 5/16" Dia.*	Com
42 726-0109 Push Cap.—.312 l.D. 89 FIR-12-03292 Casting	Wash. 1.115" Dia. x
1 '" '" ' '	k. (D-Shaped)
Lg. Lg. Pod Fr	iction (D-Shaped)
44 732-0245 Brake Spring 91 HH-15-02124 1 40 110	' Dia. x .472 Thk.
1 45 740 0400 Hey Sems Scr 5/16-18 X .75	ction (D-Shaped)
La.*	' Dia. x .245 Thk.
46 712-0267 Hex Nut 5/16-18 Thd."	—Carrier
47 736-0110 II-Wash 5/16" Scr.* 1 93 177-12-03293 1 33 177	3/8" Dia.—R.H.
	nt. L-Nut 5/16-18 Thd.
95 1/12-0150 TIOX CO.	

(462-Red Flake)

When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Red Flake Finish-12131 (462).)

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

139-402A

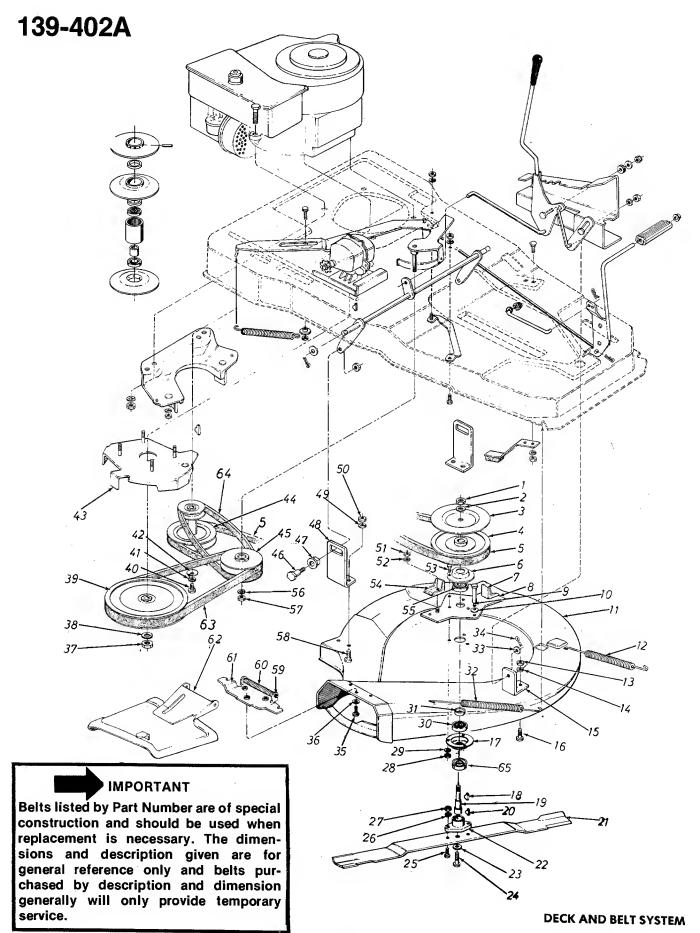


PARTS LIST FOR DECK AND BELT SYSTEM MODEL 139-402A

	REF. NO.	PART NO.	COLOR	DESCRIPTION	NEW PART		PART NO.	COLOR	DESCRIPTION	NEW PART
t	1			Engine		33	710-019	98	Hex Sems Scr. 5/16-18 x .75"	
	2	712-079	8	Hex Nut 3/8-16 Thd.*					Lg.*	
ı	3	736-021		L-Wash. 3/8" Scr. H.D.		34	712-015	58	Hex Cent. L-Nut 5/16-18 Thd.	
	4	747-012		Lift Handle Rod 3/8" Dia.		35	736-011	16	FI-Wash635 I.D. x .93 O.D.	
	5	720-014		Grip		36	714-050)7	Cot. Pin 3/32 Dia. x .75" Lg.*	
	6	12142		Deck Lift Handle Ass'y.		37	712-042		Hex Ins. L-Nut 5/16-18 Thd.	
	7	12150		Index and Support Brkt.		38	732-019	92	Spring—Variable Speed	
	8	735-012	26	Rubber Washer		39	12160		Belt Keeper Ass'y.	
	9	736-010		FI-Wash406 I.D. x 1.00	İ	40	714-036	35	#6 Hi-Pro-Key 5/32 x 5/8"	
1				O.D. x .030					Dia.	
	10	712-011	6	Hex L-Nut 3/8-24 Thd.		41	712-026		Hex Nut 5/16-18 Thd.*	
	11	738-018		Shoulder Scr.		42	736-011		L-Wash. 5/16" Scr.*	
	12	736-021	17	L-Wash. 3/8" Scr. H.D.		43	712-026		Hex Nut 5/16-18 Thd.*	
	13	712-079	98	Hex Nut 3/8-16 Thd.*		44	736-01	19	L-Wash. 5/16" Scr.*	
-	14	726-022	21	Push Cap 1/2" I.D.		45	10423		Belt Guard—Cup Ass'y.	
	15	731-014	12	Foot Pedal Bar		46	711-040)4	Shoulder Nut	
	16	12133		Clutch Pedal Ass'y.		47	12139		Deck Lift Shaft Ass'y.	
	17	12152		Deck Hanger Link	İ	48	714-012	29	#4 Hi-Pro-Key 3/32 x 5/8"	
	18	747-012		Deck Lift Rod 3/8" Dia.					Dia.	
- 1	19	710-016	37	Carriage Bolt 1/4-20 x .50"		49	10247		Transmission Plate	
				Lg.*		50	717-02		Trans. Ass'y.—Comp.	
	20	712-026		Hex Nut 5/16-18 Thd.*		51	710-03	22	Hex Sems Scr. 5/16-18 x	
	21	736-011		L-Wash. 5/16" Scr.*					1.00" Lg.*	
	22	747-013	33	Clutch Rod		52			(Not replaceable in service)	
	23	714-010		Hair Pin Cotter		53	741-01		Ball Brg50 l.D. x 1.38 O.D.	
	24	714-010)4	Hair Pin Cotter		54	750-01	46	Spacer .520 I.D.x .692 O.D.	
	25	12125		Main Frame		55			(Not replaceable in service)	
· .	26	12419		Pedal Lockout Rod 5/16"		56	741-01		Ball Brg50 l.D. x 1.30 O.D.	
·	27	726-010	09	Push Cap—.312 I.D.		58	748-018	31	Moveable Sheave Ass'y.	İ
	28	10173		Bracket Guide Ass'y.		60			(Not replaceable in service)	1
	29	761-014	48	Blade Brake Ass'y. 1.38 Height		61	715-012	24	Spring Pin Spir. 5/32" Dia. x .62" Lg.	
	30	736-032	29	L-Wash. 1/4" Scr.*		62	710-04	42	Hex Scr. 5/16-18 x 1.50" Lg.*	1
	31	712-028		Hex Nut 1/4-20 Thd.*		63	732-023		Extension Spring	
	32	12154		Rear Deck Brkt.		54	09785		Vari. Spd. Brkt. Ass'y.	

^{*}For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake) When ordering parts if color or finish is important, use color code shown at left. (e.g. Red Flake Finish—12131 (462).)



PARTS LIST FOR DECK AND BELT SYSTEM MODEL 139-402A

				PARTS LIST FOR DECK	AND I	DEL!	SISIEN	II INIOD	EL 133-402A	
	REF.	PART NO.	COLOR	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR	DESCRIPTION	NEW PART
	-			Hex Cent. L-Nut 5/8-11 Thd.		33	736-018	5	FI-Wash406 I.D. x .734 O.D	1
- 1	1	712-026		Fl-Wash. 5/8" Scr.*					x .063	1 1
	2	736-015	8	Brake Disc		34	714-050	7	Cot. Pin 3/32" Dia. x .75" Lg	1 1
	3	11073	_	Split Pulley .63 l.D.		35	710-019	5	Hex Scr. 1/4-28 x .62" Lg.*	1
	4	756-014		V-Belt 21/32 x 51" Lg.		36	736-032	9	L-Wash. 1/4" Scr.*	
	5	754-018	88	Housing—Bearing		37	712-092		Hex Jam Nut 1/2-20 Thd.*	1
	6	08253		Doll Kopper Apply		38	736-092		L-Wash. 1/2" Scr.*	
	7	12172		Belt Keeper Ass'y. Belt Guard Plate Ass'y.		39	756-017		Transmission Pulley .500 I.C	1
	8	11537		Shid. Scr498 Dia. x 2.005		40	710-015		Hex Scr. 3/8-24 x 2.00" Lg.*	
	9	738-012		Belleville Wash400 l.D. x	1	41	736-021		L-Wash. 3/8" Scr. H.D.	
	10	736-010)5		l	42.	711-057		Step Washer	
				.88 O.D.		43	09780		Trans. Belt Guard Ass'y.	
	11	12157	- 0	26" Deck Ass'y.		44	756-020	8	Two-Step Engine Pulley	
	12	732-015		Spring .75 O.D. x 8.65" Lg.	1	45	10438		Vari. Spd. Pulley Ass'y.	
	13	712-026		Hex Nut 5/16-18 Thd.*	1	'	12168		Vari. Spd. Pulley and Brkt.	1
	14	736-011	19	L-Wash. 5/16" Scr.*	ł	1			Ass'v.—Comp.	
	15	12153	_	Front Deck Brkt.	,	46	738-014	11	Shid. Scr437 Dia. x .350	
	16	710-019	98	Hex Sems Scr. 5/16-18 x .75'	İ	47	748-018		Pivot Slide	
	l _			Lg.*		48	12154		Rear Deck Brkt.	
	17	08253		Housing—Bearing	i	49	736-011	19	L-Wash. 5/16" Scr.*	1
	18	714-038	38	#61 Hi-Pro-Key 3/16 x 5/8"		50	712-026		Hex Nut 5/16-18 Thd.*	1
	l	l		Dia.		51	712-026		Hex Nut 5/16-18 Thd.*	-
	19	711-040		Blade Spindle		52	736-011		L-Wash. 5/16" Scr.*	1
	20	714-036		#6 Hi-Pro-Key 5/32 x 5/8 Dia	1	53	710-032		Hex Sems Scr. 5/16-18 x	
	21	742-014	47	26" Blade			1,10,00		1.00" Lg.*	1
	22	10769		Blade Adapter Kit	1	54	11823		Belt Keeper Ass'y.	1
	23	736-02		L-Wash. 3/8" Scr. H.D.	1	55	741-09	19	Ball Bearing	
	24	710-04	59	Hex Scr. 3/8-24 x 1.50" Lg.	1	56	736-09		L-Wash. ½" Scr.*	
, e 1800.				H.T.		57	712-03		Hex Cent. L-Nut 1/2-13 Thd.	
	25	710-01	17	Hex Scr. 5/16-24 x 1.00" Lg.		58	710-01		Hex Sems Scr. 5/16-18 x .7!	5'
	1			H.T.		1 30	1,100.		Lg.*	1
	26	736-01		L-Wash. 5/16" Scr.*	1	59	726-01	06	Push Cap 1/4" Dia.	
	27	712-01		Hex Nut 5/16-24 Thd.*		60	732-02		Torsion Spring	1
	28	712-02		Hex Nut 5/16-18 Thd.*	1	61	11399	• •	Adapter Ass'y.	1
	29	736-01		L-Wash. 5/16" Scr.*		62			Chute Cover Ass'y Comp	. [77]
	30	741-09		Ball Bearing		63		36	V-Belt 21/32 x 31" Lg.	
	31	750-01		Spacer		64			V-Belt 21/32 x 24" Lg.	
	32	732-01	53	Spring .75 O.D. x 8.65" Lg.		65		J.	Bearing Shield	
						03	13/03			

^{*}For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake) When ordering parts if color or finish is important, use color code shown at left. (e.g. Red Flake Finish—12131 (462).)

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, ports number, description of parts and the quantity of eoch port required.

ALABAMA	BIRMINGHAM
Auto Electric & Carbureto	or Co 2625 4th Ave. S
ARKANSAS	or Co 2625 4th Ave. S 35233 NORTH LITTLE ROCK
Sutton's Lawn Mower Sh	op Ht. 4 Box 368 72117
	FORT SMITH
CALIFORNIA	2515 Towson Ave 72901
Billious	PORTERVILLE 75 North D Street 93257
	SAN REPNAPOING
Lawn Mower Supply Co.	SAN BERNARDINO 25608 E. Baseline 92410
	SAN FRANCISCO
J.W. Jewett Co	004 5 1 -
Luttin & Com	SACRAMENTO95818
COLORADO	
South Denver Lawn Equip	DENVER
FLORIDA	LACKSONVILLE
Radco Distributors	2402 Morket Ct
	CORAL GABLES 365 Greco Ave 33146
Moz-All of Florida, inc	365 Greco Ave 33146
GEORGIA	EAST POINT
Last Point Cycle & Key	EAST POINT 2834 Church St 30344
Koon Edge Oc	LYONS 8615 Ogden Ave 60534
INDIANA	8615 Ogden Ave 60534
Parts & Sales Inc	ELKHART2101 Industrial Pkwy46514
Power Lawn & Garden Equ	
LOUISIANA	NEW ORLEANS8330 Earhart Blvd70118 TAKOMA PARK6867 New Hampshire Ave20012
Suhren Engine Co	8330 Earhart Blvd. 70118
MARYLAND	TAKOMA PARK
MASSACHUSETTS	6867 New Hampshire Ave20012
Morton B. Colling Co.	SPRINGFIELD 300 Birnle Ave
MICHIGAN	MOUNT OF EMENS
Power Equipment Dist	MOUNT CLEMENS
, , , , , , , , , , , , , , , , , , , ,	LANSING LANSIN
Lorenz Service Co	2500 S. Pennsylvania 48000
MINNESOTA	MINNETONKA
mance Distributing Inc	MINNETONKA 11212 Wayzata Blvd55343
Power Tools Inc	ST. PAUL .3771 Sibley Memorial Hwy55122
MISSISSIPPI	BILOXI
Biloxl Sales & Service, Inc.	506 Caillavet St 39533
	RANGAG CITO
Automotive Equip. Service	3117 Holmes St 64109
Daniel Da	ST. JOSEPH
Hoss-Frazier Supply Co	8th and Monteray 64503
Henzier Inc	ST. LOUIS
NEW JERSEY	ST. JOSEPH 8th and Monteray64503 ST. LOUIS 2015 Lemay Ferry Rd63125 BELLMAWR .717 Creek Rd., P.O. Box 7.08030 RUTHERFORD
Lawnmower Parts Inc.	717 Crook Pd D O D
	RUTHERFORD
Feld Distributor	28 Glen Rd. 07070
NEW YORK	CARTHAGE
Gamble Dist., Inc	CARTHAGE West End Ave 13619
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BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing Engines—Gasoline, Briggs & Stratton or Tecumseh Lauson.

The state of the s
SYRACUSE
GIP I AISHI'A Producto Inc. 400 14
NORTH CAROLINA GREENSBORO Dixie Sales Company
Dixie Sales Company 327 Datalone
GOLDS Company327 Battleground Ave. 27402
Smith Hardware Co. 545 N. 9
GOLDSBORO Smith Hardware Co
National Control
National Central
Bleckric Inc.
Bleckrie, Inc
Stebe's Mid-State Mower Supply. Box 366-71 High St 43112
Burton Supply Co
Burton Supply Co
MUSKOGEE
OKLAHOMA MUSKOGEE Victory Motors, Inc
OKLAHOMA CITY
Forest Sales Inc 1039 NW 63rd St 73116
Forest Sales Inc
OREGON PORTLAND
Kenton Supply Co 8216 N. Denver Avo 07317
PENNSYLVANIA CHESTER Stull Equipment Corp
Stull Equipment Corp. 742 W Front St. 40040
HARRISBURG EECO Inc
EECO Inc
PHII ADEI DHIA
Thompson Rubber Co. 5222-24 N Eith Ch.
A021 N. 6th St 17110 PHILADELPHIA Thompson Rubber Co
Bluemont Co
TENNESSEE KNOYVILLE
TENNESSEE KNOXVILLE Master Repair Service
MEMPHIS
Memphis Cycle & Supply Co. 404 As.
American Sales & Service, Inc 1922 Lynnbrook 38103 TEXAS
TEXAS DALLAS Lynnbrook38116
TEXAS DALLAS Marr Brothers, Inc
HOUSTON HOUSTON
Bullard Supply Co
2409 Commerce St77003
Catto & Putty Inc.
Bullard Supply Co
Woodson Sales Corp
UTAH SALT LAKE OUTV
UTAH SALT LAKE CITY A-1 Engine & Mower Co
VERMONT RUPLINGTON 84111
DUNLINGTON
VIRGINIA VIRGINIA
RRI Corp
WASHINGTON
Railord Inc
WEST VIDOLANA 1414 14th Ave 98122
Young's Inc
Vermont Hdwe. Co. Inc. 180 Flynn Ave. .05401 VIRGINIA RBI Corp. RICHMOND
Automotive O
Automotive Supply Co 123 S. Linwood Ave 54911

WARRANTY PARTS AND SERVICE POLICY

The purpose of worronty is to protect the customer from defects in workmonship and moterials, defects which are NOT detected at the time of monufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and mointenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions which it has no control. Simply put, if it's the manufacturer's foult, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES

- 1. Replacement of Missing Parts on new equipment.
- 2. Replacement of Defective Parts within the worronty period.
- 3. Repair of Defects within the warronty period.

All cloims MUST be substantiated with the following information:

- 1. Model Number of unit involved.
- 2. Date unit was purchased or first put into service.
- 3. Date of failure.
- 4. Nature of failure.